

Fig. 1

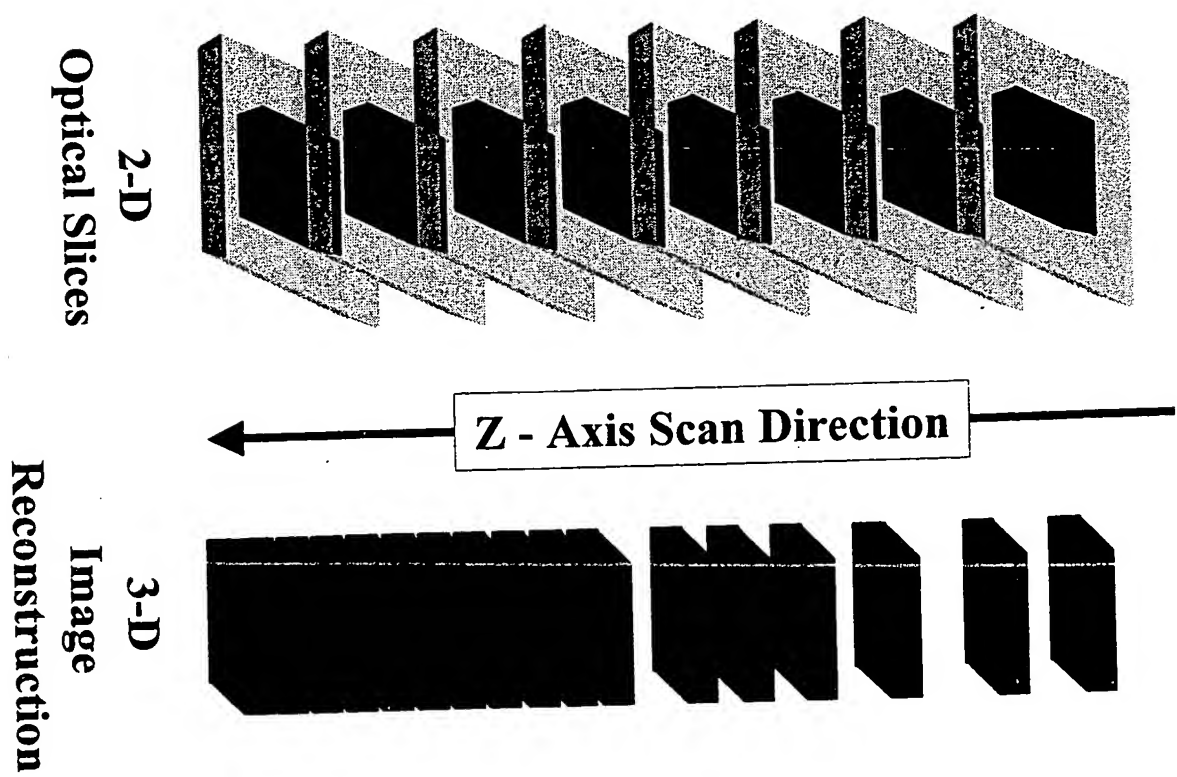
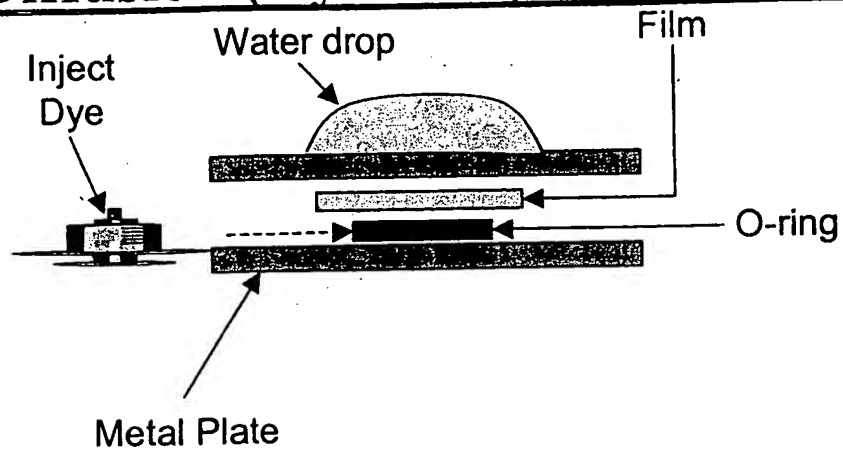


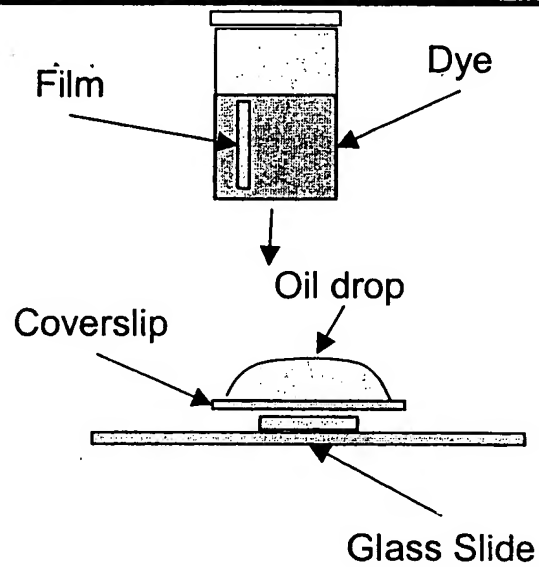
Fig. 4

## Diffusion (Dynamic) Experiments



**Fig. 2A**

## Equilibrium (Static) Experiments



**Fig. 2B**

Fig. 3A

# Top Surface of Film

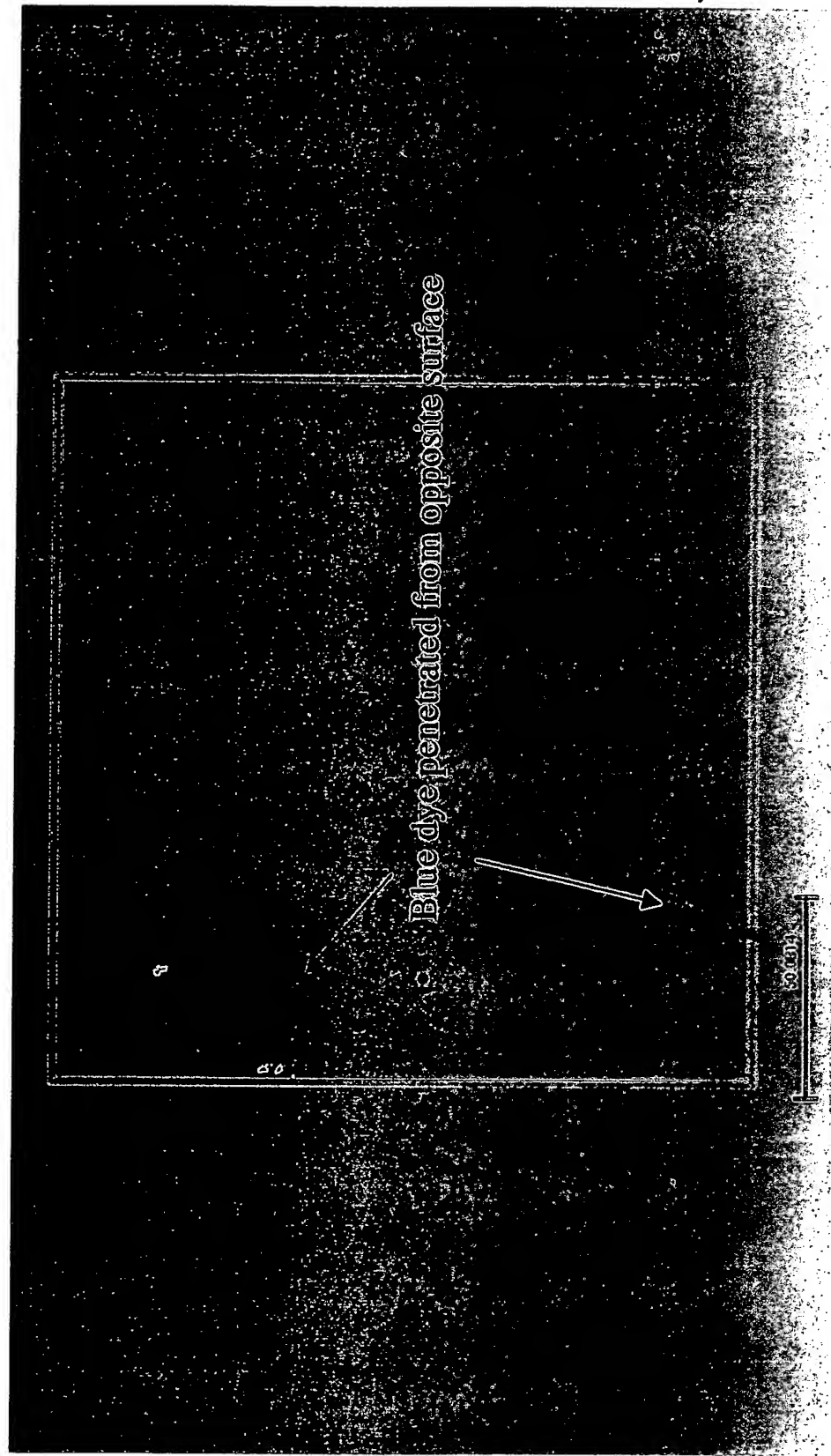


Fig. 3B

# 6 microns Deep into Film

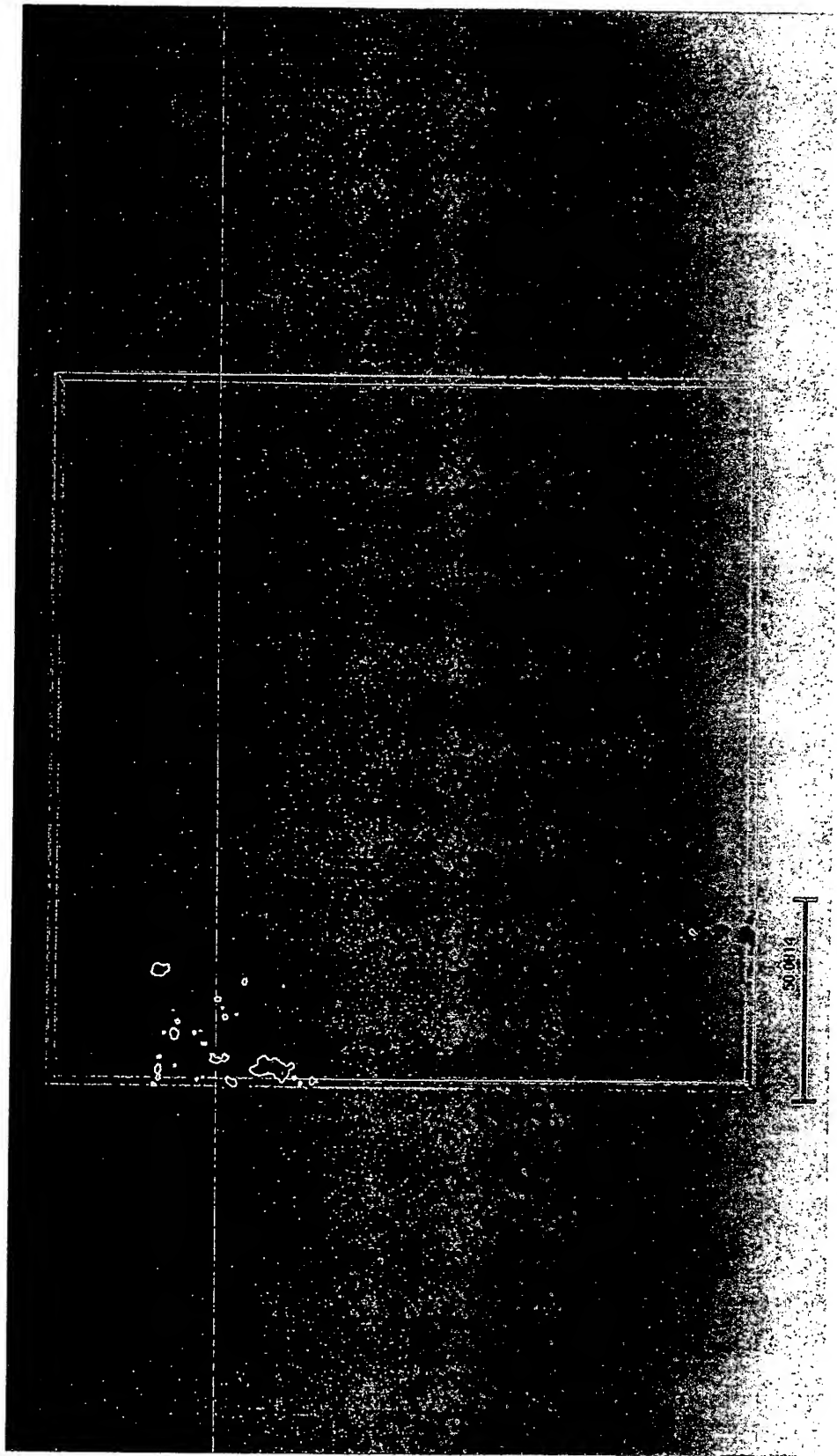


Fig. 3C

# 12 microns Deep into Film

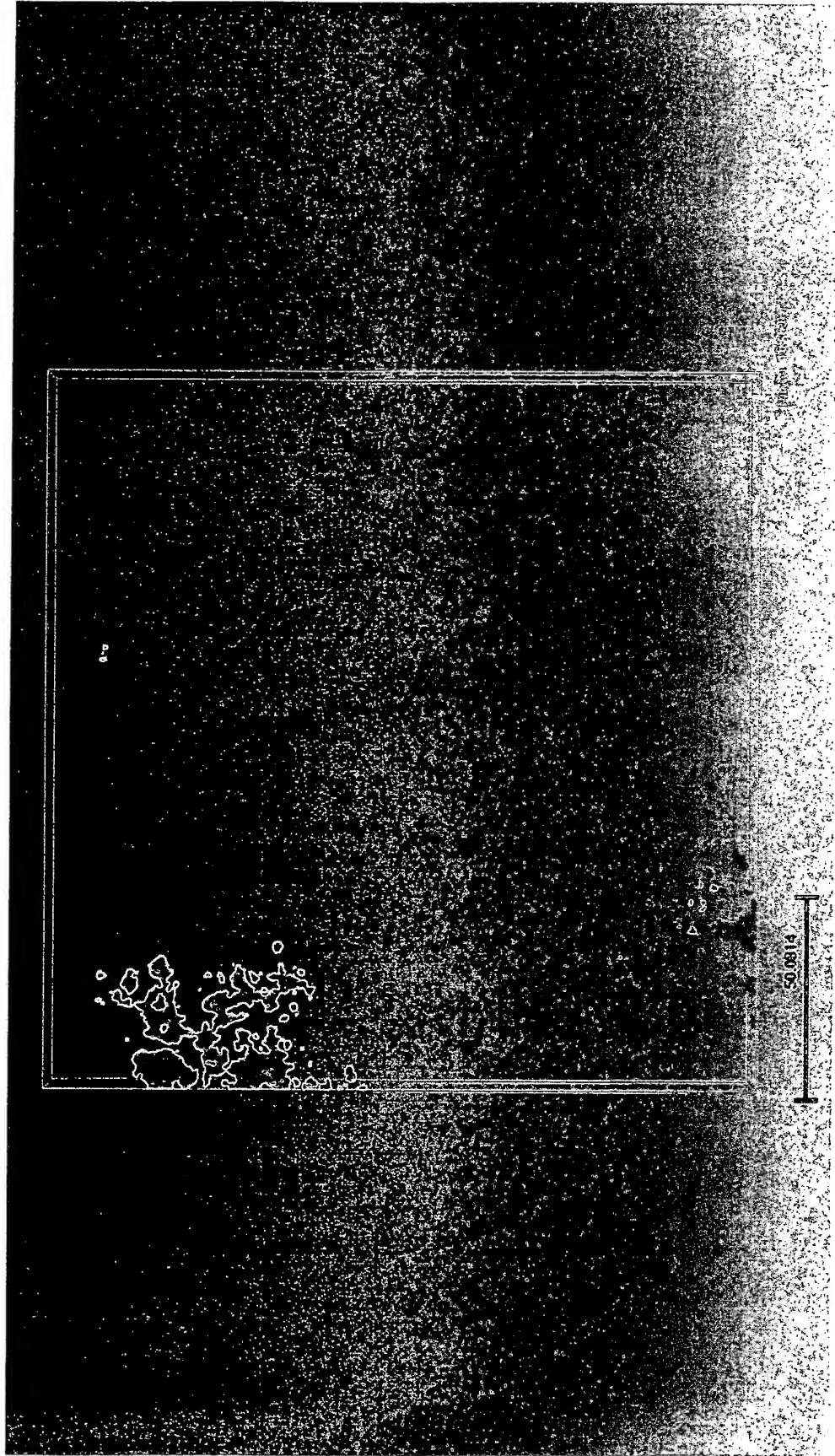


Fig. 3D

# 18 microns Deep into Film

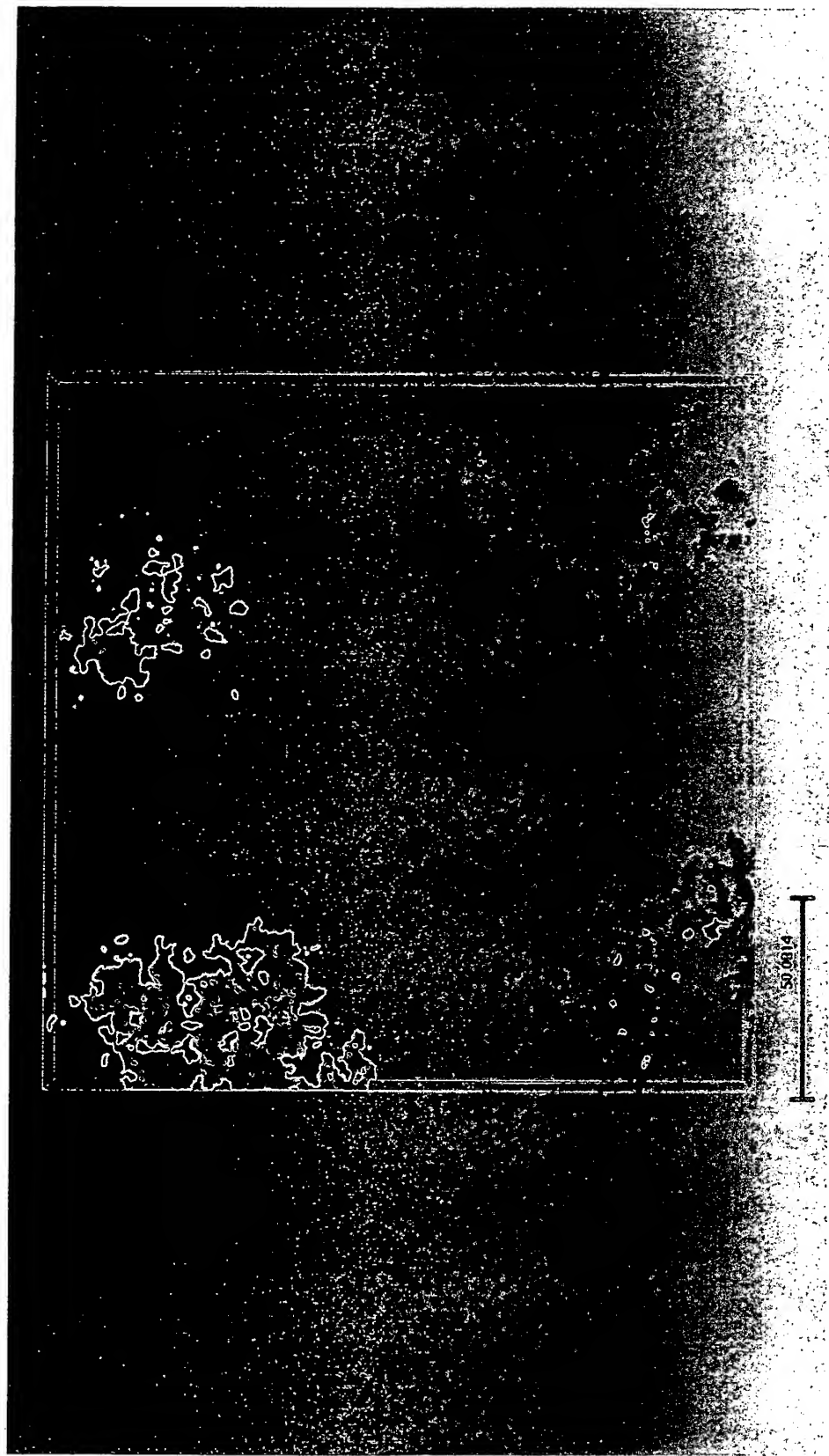


Fig. 3E

# 24 microns Deep into Film

